

ENERGY STAR Uninterruptible Power Supplies Product List
List Posted on November 16, 2012

Below are currently qualified ENERGY STAR models available for sale in the U.S. and Canada

* For Modular UPSs, the minimum and maximum configurations are tested. All intermediate configuration models qualifying for ENERGY STAR are listed in the Additional Model Information column. Non-Modular UPSs (single configuration) data are reported in the Minimum Configuration fields.

ENERGY STAR Partner	Brand	Model Name	Model Number	Additional Model Information	Product Type	Power Conversion Mechanism	Energy Storage Mechanism	Output Energy Meter Available	Normal Mode(s) Input Dependency Characteristic	Minimum Configuration*								Maximum Configuration*								Modular UPS Module Tested Model Number	Data Available on Market	Data Qualified
										Minimum Configuration Tested Model Number	Minimum Configuration Rated Apparent Output Power (VA)	Minimum Configuration Rated Active Output Power (W)	Minimum Configuration Average Efficiency Lowest-Input Dependency	Minimum Configuration Average Efficiency Highest-Input Dependency	Minimum Configuration Input Power Factor Lowest-Input Dependency	Minimum Configuration Input Power Factor Highest-Input Dependency	Maximum Configuration Tested Model Number	Maximum Configuration Rated Apparent Output Power (VA)	Maximum Configuration Rated Active Output Power (W)	Maximum Configuration Average Efficiency Lowest-Input Dependency	Maximum Configuration Average Efficiency Highest-Input Dependency	Maximum Configuration Input Power Factor Lowest-Input Dependency	Maximum Configuration Input Power Factor Highest-Input Dependency					
CyberPower Systems, Inc.	CyberPower	CP1000AVRLC D	CP1000AVRLC D		Ac-output UPS	Static	Battery	No Energy Meter	Voltage Independent	CP1000AVRLCD	1,000	600	0.99		1								N/A	1/15/2009	10/9/2012			
CyberPower Systems, Inc.	CyberPower	CP1000PFCLCD	CP1000PFCLCD		Ac-output UPS	Static	Battery	No Energy Meter	Voltage Independent	CP1000PFCLCD	1,000	600	0.98		1								N/A	7/4/2012	10/19/2012			
CyberPower Systems, Inc.	CyberPower	CP1200AVR, CP1200D	CP1200AVR, CP1200D		Ac-output UPS	Static	Battery	No Energy Meter	Voltage Independent	CP1200AVR	1,200	720	0.99		1								N/A	7/20/2012	10/22/2012			
CyberPower Systems, Inc.	CyberPower	CP1350AVRLC D	CP1350AVRLC D		Ac-output UPS	Static	Battery	No Energy Meter	Voltage Independent	CP1350AVRLCD	1,350	810	0.98		1								N/A	7/20/2012	10/22/2012			
CyberPower Systems, Inc.	CyberPower	CP1350PFCLCD	CP1350PFCLCD		Ac-output UPS	Static	Battery	No Energy Meter	Voltage Independent	CP1350PFCLCD	1,350	810	0.99		1								N/A	7/4/2012	10/19/2012			
CyberPower Systems, Inc.	CyberPower	CP1500AVRLC D, CP1500C	CP1500AVRLC D, CP1500C		Ac-output UPS	Static	Battery	No Energy Meter	Voltage Independent	CP1500AVRLCD	1,500	900	0.98		1								N/A	7/20/2012	10/22/2012			
CyberPower Systems, Inc.	CyberPower	CP1500AVRT, CP1500AVR, CP1500D	CP1500AVRT, CP1500AVR, CP1500D		Ac-output UPS	Static	Battery	No Energy Meter	Voltage Independent	CP1500AVRT	1,500	900	0.98		1								N/A	7/20/2012	10/22/2012			
CyberPower Systems, Inc.	CyberPower	CP1500PFCLCD	CP1500PFCLCD		Ac-output UPS	Static	Battery	No Energy Meter	Voltage Independent	CP1500PFCLCD	1,500	900	0.99		1								N/A	7/4/2012	10/19/2012			
CyberPower Systems, Inc.	CyberPower	CP425G, CP425Ga, CP425SLG, CP425HG, CP425HGa	CP425G, CP425Ga, CP425SLG, CP425HG, CP425HGa		Ac-output UPS	Static	Battery	No Energy Meter	Voltage and Frequency Dependent	CP425HG	425	255	0.97		1								N/A	5/22/2012	10/26/2012			
CyberPower Systems, Inc.	CyberPower	CP500HG, CP500HGa	CP500HG, CP500HGa		Ac-output UPS	Static	Battery	No Energy Meter	Voltage and Frequency Dependent	CP500HG	500	300	0.98		1								N/A	5/22/2012	10/26/2012			
CyberPower Systems, Inc.	CyberPower	CP550AVR	CP550AVR		Ac-output UPS	Static	Battery	No Energy Meter	Voltage Independent	CP550AVR	550	300	0.98		1								N/A	8/8/2012	10/29/2012			
CyberPower Systems, Inc.	CyberPower	CP550SLG, CP550HG, CP550HGa	CP550SLG, CP550HG, CP550HGa		Ac-output UPS	Static	Battery	No Energy Meter	Voltage and Frequency Dependent	CP550HG	550	330	0.98		1								N/A	5/22/2012	10/26/2012			
CyberPower Systems, Inc.	CyberPower	CP600LCD	CP600LCD		Ac-output UPS	Static	Battery	No Energy Meter	Voltage and Frequency Dependent	CP600LCD	600	340	0.98		1								N/A	5/22/2012	10/26/2012			
CyberPower Systems, Inc.	CyberPower	CP625HG, CP625HGa	CP625HG, CP625HGa		Ac-output UPS	Static	Battery	No Energy Meter	Voltage and Frequency Dependent	CP625HG	625	375	0.98		1								N/A	5/22/2012	10/26/2012			
CyberPower Systems, Inc.	CyberPower	CP685AVR-G, CP685AVR, CP685AVRLCD, CP685AVRLCD-G	CP685AVR-G, CP685AVR, CP685AVRLCD, CP685AVRLCD-G		Ac-output UPS	Static	Battery	No Energy Meter	Voltage Independent	CP685AVR-G	685	390	0.99		1								N/A	8/9/2012	10/29/2012			
CyberPower Systems, Inc.	CyberPower	CP700AVR	CP700AVR		Ac-output UPS	Static	Battery	No Energy Meter	Voltage Independent	CP700AVR	700	390	0.99		1								N/A	8/8/2012	10/29/2012			
CyberPower Systems, Inc.	CyberPower	CP750LCD, CP750LCDM	CP750LCD, CP750LCDM		Ac-output UPS	Static	Battery	No Energy Meter	Voltage and Frequency Dependent	CP750LCD	750	420	0.98		1								N/A	5/22/2012	10/26/2012			
CyberPower Systems, Inc.	CyberPower	CP825AVR-G, CP825AVRLCD, CP825AVRLCD-G	CP825AVR-G, CP825AVRLCD, CP825AVRLCD-G		Ac-output UPS	Static	Battery	No Energy Meter	Voltage Independent	CP825AVRLCD	825	450	0.99		1								N/A	8/9/2012	10/29/2012			
CyberPower Systems, Inc.	CyberPower	CP826LCD	CP826LCD		Ac-output UPS	Static	Battery	No Energy Meter	Voltage and Frequency Dependent	CP826LCD	825	450	0.99		1								N/A	5/22/2012	10/26/2012			
CyberPower Systems, Inc.	CyberPower	CP850AVRLCD	CP850AVRLCD		Ac-output UPS	Static	Battery	No Energy Meter	Voltage Independent	CP850AVRLCD	850	510	0.98		1								N/A	7/20/2012	10/22/2012			
CyberPower Systems, Inc.	CyberPower	CP850PFCLCD	CP850PFCLCD		Ac-output UPS	Static	Battery	No Energy Meter	Voltage Independent	CP850PFCLCD	850	510	0.98		1								N/A	7/4/2012	10/19/2012			
CyberPower Systems, Inc.	CyberPower	CP900AVR, CP900D	CP900AVR, CP900D		Ac-output UPS	Static	Battery	No Energy Meter	Voltage Independent	CP900AVR	900	560	0.98		1								N/A	7/20/2012	10/22/2012			
CyberPower Systems, Inc.	CyberPower	OR1500PFCRT2 U	OR1500PFCRT2 U		Ac-output UPS	Static	Battery	No Energy Meter	Voltage Independent	OR1500PFCRT2U	1,500	900	0.98		1								N/A	6/28/2012	10/23/2012			
CyberPower Systems, Inc.	CyberPower	OR2200LCDRT XL2U	OR2200LCDRT XL2U		Ac-output UPS	Static	Battery	No Energy Meter	Voltage Independent	OR2200LCDRTXL2	2,190	1,650	0.97		0.99								N/A	6/28/2012	10/23/2012			
CyberPower Systems, Inc.	CyberPower	OR2200PFCRT2 U	OR2200PFCRT2 U		Ac-output UPS	Static	Battery	No Energy Meter	Voltage Independent	OR2200PFCRT2U	2,000	1,320	0.98		1								N/A	6/28/2012	10/23/2012			
CyberPower Systems, Inc.	CyberPower	OR2200PFCRT2 Ua	OR2200PFCRT2 Ua		Ac-output UPS	Static	Battery	No Energy Meter	Voltage Independent	OR2200PFCRT2Ua	2,000	1,320	0.98		1								N/A	6/28/2012	10/23/2012			
CyberPower Systems, Inc.	CyberPower	PR1000LCD	PR1000LCD		Ac-output UPS	Static	Battery	No Energy Meter	Voltage Independent	PR1000LCD	1,000	700	0.98		1								N/A	5/14/2012	12/2/2011			
CyberPower Systems, Inc.	CyberPower	PR1000CDRM 1U	PR1000CDRM 1U		Ac-output UPS	Static	Battery	No Energy Meter	Voltage Independent	PR1000CDRM1U	1,000	750	0.98		1								N/A	4/11/2012	11/1/2012			
CyberPower Systems, Inc.	CyberPower	PR1000LCDRT2 U	PR1000LCDRT2 U		Ac-output UPS	Static	Battery	No Energy Meter	Voltage Independent	PR1000LCDRT2U	1,000	700	0.97		1								N/A	4/11/2012	11/1/2012			
CyberPower Systems, Inc.	CyberPower	PR1000LCDRTX L2U	PR1000LCDRTX L2U		Ac-output UPS	Static	Battery	No Energy Meter	Voltage Independent	PR1000LCDRTXL2	1,000	900	0.97		1								N/A	4/11/2012	11/1/2012			
CyberPower Systems, Inc.	CyberPower	PR1000LCDRTX L2Ua	PR1000LCDRTX L2Ua		Ac-output UPS	Static	Battery	No Energy Meter	Voltage Independent	PR1000LCDRTXL2	1,000	1,000	0.97		1								N/A	4/11/2012	11/1/2012			

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										Minimum Configuration Tested Model Number	Minimum Configuration Rated Apparent Output Power (VA)	Minimum Configuration Rated Active Output Power (W)	Minimum Configuration Average Efficiency Lowest-Input Dependency	Minimum Configuration Average Efficiency Highest-Input Dependency	Minimum Configuration Input Power Factor Lowest-Input Dependency	Minimum Configuration Input Power Factor Highest-Input Dependency	Maximum Configuration Tested Model Number	Maximum Configuration Rated Apparent Output Power (VA)	Maximum Configuration Rated Active Output Power (W)	Maximum Configuration Average Efficiency Lowest-Input Dependency	Maximum Configuration Average Efficiency Highest-Input Dependency	Maximum Configuration Input Power Factor Lowest-Input Dependency	Maximum Configuration Input Power Factor Highest-Input Dependency				
CyberPower Systems, Inc.	CyberPower	PR1500LCD	PR1500LCD		Ac-output UPS	Static	Battery	No Energy Meter	Voltage Independent	PR1500LCD	1,500	1,050	0.98		1									N/A	5/14/2012	12/2/2011	
CyberPower Systems, Inc.	CyberPower	PR1500LCDRT2 U	PR1500LCDRT2 U		Ac-output UPS	Static	Battery	No Energy Meter	Voltage Independent	PR1500LCDRT2U	1,500	1,000	0.99		1									N/A	4/11/2012	11/1/2012	
CyberPower Systems, Inc.	CyberPower	PR1500LCDRTX L2U	PR1500LCDRTX L2U		Ac-output UPS	Static	Battery	No Energy Meter	Voltage Independent	PR1500LCDRTXL2	1,500	1,500	0.98		1									N/A	4/11/2012	11/1/2012	
CyberPower Systems, Inc.	CyberPower	PR2000LCD	PR2000LCD		Ac-output UPS	Static	Battery	No Energy Meter	Voltage Independent	PR2000LCD	1,920	1,920	0.97		1									N/A	9/28/2012	9/28/2012	
CyberPower Systems, Inc.	CyberPower	PR2200LCD	PR2200LCD		Ac-output UPS	Static	Battery	No Energy Meter	Voltage Independent	PR2200LCD	2,200	1,980	0.98		1									N/A	9/28/2012	9/28/2012	
CyberPower Systems, Inc.	CyberPower	PR2200LCDRT2 U	PR2200LCDRT2 U		Ac-output UPS	Static	Battery	No Energy Meter	Voltage Independent	PR2200LCDRT2U	2,150	1,980	0.98		1									N/A	4/11/2012	11/1/2012	
CyberPower Systems, Inc.	CyberPower	PR2200LCDRTX L2U	PR2200LCDRTX L2U		Ac-output UPS	Static	Battery	No Energy Meter	Voltage Independent	PR2200LCDRTXL2	2,150	2,150	0.98		1									N/A	4/11/2012	11/1/2012	
CyberPower Systems, Inc.	CyberPower	PR3000LCD	PR3000LCD		Ac-output UPS	Static	Battery	No Energy Meter	Voltage Independent	PR3000LCD	3,000	2,700	0.98		1									N/A	9/28/2012	9/28/2012	
CyberPower Systems, Inc.	CyberPower	PR3000LCDRT2 U	PR3000LCDRT2 U		Ac-output UPS	Static	Battery	No Energy Meter	Voltage Independent	PR3000LCDRT2U	3,000	2,250	0.99		1									N/A	4/11/2012	11/1/2012	
CyberPower Systems, Inc.	CyberPower	PR3000LCDRTX L2U	PR3000LCDRTX L2U		Ac-output UPS	Static	Battery	No Energy Meter	Voltage Independent	PR3000LCDRTXL2	3,000	2,400	0.98		1									N/A	4/11/2012	11/1/2012	
CyberPower Systems, Inc.	CyberPower	PR5000LCDRTX L5U	PR5000LCDRTX L5U		Ac-output UPS	Static	Battery	No Energy Meter	Voltage Independent	PR5000LCDRTXL5	5,000	4,000	0.99		1									N/A	4/11/2012	11/1/2012	
CyberPower Systems, Inc.	CyberPower	PR6000LCDRTX L5U	PR6000LCDRTX L5U		Ac-output UPS	Static	Battery	No Energy Meter	Voltage Independent	PR6000LCDRTXL5	5,000	4,500	0.99		1									N/A	4/11/2012	11/1/2012	
CyberPower Systems, Inc.	CyberPower	PR750LCD	PR750LCD		Ac-output UPS	Static	Battery	No Energy Meter	Voltage Independent	PR750LCD	750	525	0.98		1									N/A	5/14/2012	6/15/2012	
CyberPower Systems, Inc.	CyberPower	PR750LCDRM1 U	PR750LCDRM1 U		Ac-output UPS	Static	Battery	No Energy Meter	Voltage Independent	PR750LCDRM1U	750	560	0.98		1									N/A	4/11/2012	11/1/2012	
Eltek, Inc.	ELTEK	FLATPACK2 48/2000 HE	241115.105		Dc-output UPS	Static	N/A	No Energy Meter		FLATPACK2 48/20k	2,000	2,000	0.96		0.98										10/1/2012	10/17/2012	
Eltek, Inc.	ELTEK	FLATPACK2 48/3000 HE	241119.105		Dc-output UPS	Static	N/A	No Energy Meter		FLATPACK2 48/30k	3,000	3,000	0.96		0.98										10/1/2012	10/17/2012	
Eltek, Inc.	ELTEK	FLATPACK2 48-60/2000 HE	241115.705		Dc-output UPS	Static	N/A	No Energy Meter		FLATPACK2 48-60k	2,000	2,000	0.96		0.98										10/1/2012	10/17/2012	
Eltek, Inc.	ELTEK	FP2 48V 3KW FRONT END RECT HE	380875		Dc-output UPS	Static	N/A	No Energy Meter		FP2 48V 3KW FRO	3,000	3,000	0.96		0.98										10/1/2012	10/17/2012	
Eltek, Inc.	ELTEK	V1000A1-HE	V1000A1-HE		Dc-output UPS	Static	N/A	No Energy Meter		V1000A1-HE	1,000	1,000	0.96		0.94										10/1/2012	10/17/2012	
Eltek, Inc.	ELTEK	V1500A1-HE	V1500A1-HE		Dc-output UPS	Static	N/A	No Energy Meter		V1500A1-HE	1,500	1,500	0.96		0.94										10/1/2012	10/17/2012	
Eltek, Inc.	ELTEK	V2000A1-HE	V2000A1-HE		Dc-output UPS	Static	N/A	No Energy Meter	voltage and Frequency Dependent.Voltage and Frequency Independent	V2000A1-HE	2,000	2,000	0.96		0.94										10/1/2012	10/17/2012	
GE Energy Management	GE	SG Series	SG Series 225 UL S2 (w/ eBoost)		Ac-output UPS	Static	Battery	External Bundled Meter	voltage and Frequency Dependent.Voltage and Frequency Independent	SG S2 225kVA UL I	225,000	202,000	0.9	0.97	0.98	0.94								N/A	9/1/2012	9/19/2012	
GE Energy Management	GE	SG Series	SG Series 300 UL S2 (w/ eBoost)		Ac-output UPS	Static	Battery	External Bundled Meter	voltage and Frequency Dependent.Voltage and Frequency Independent	SG S2 300kVA UL I	300,000	270,000	0.91	0.98	0.96	0.97									N/A	9/1/2012	9/19/2012
GE Energy Management	GE	SG Series	SG Series 400 UL S2 (w/ eBoost)		Ac-output UPS	Static	Battery	External Bundled Meter	voltage and Frequency Dependent.Voltage and Frequency Independent	SG S2 400kVA UL I	400,000	360,000	0.91	0.98	1	0.91									N/A	9/1/2012	9/19/2012
GE Energy Management	GE	SG Series	SG Series 500 UL S2 (w/ eBoost)		Ac-output UPS	Static	Battery	No Energy Meter	voltage and Frequency Dependent.Voltage and Frequency Independent	SG S2 500kVA UL I	500,000	450,000	0.92	0.98	0.98	0.94									N/A	9/1/2012	9/19/2012
GE Energy Management	GE	SG Series	SG Series 750 UL S2 (w/ eBoost)		Ac-output UPS	Static	Battery	No Energy Meter	voltage and Frequency Dependent.Voltage and Frequency Independent	SG S2 750kVA UL I	750,000	675,000	0.94	0.99	0.99	0.99									N/A	9/1/2012	9/19/2012
Huawei Technologies Co., Ltd.	HUAWEI	UPS2000-G-10KRTS	UPS2000-G-10KRTS		Ac-output UPS	Static	Battery	Integral Meter Installed	Voltage and Frequency Independent	UPS2000-G-10KRT	10,000	9,000	0.95		0.99									N/A	8/20/2012	9/12/2012	
Liebert Corporation	EMERSON NETWORK POWER	Liebert APM	NR Series		Ac-output UPS	Static	Battery	No Energy Meter	voltage and Frequency Dependent.Voltage and Frequency Independent	NRA90CC	15,000	15,000	0.93	0.97	1	0.99	NRF90CC	90,000	90,000	0.94	0.97	0.99	0.99	0.99	2351752	9/27/2012	10/10/2012
Schneider Electric	APC by Schneider Electric	APC Smart-UPS 1000VA LCD 120V	SMT1000		Ac-output UPS	Static	Battery	No Energy Meter	Voltage Independent	SMT1000	1,000	700	0.98		0.99										N/A	10/30/2009	8/24/2012
Schneider Electric	APC by Schneider Electric	APC Smart-UPS 1500VA LCD 120V	SMT1500		Ac-output UPS	Static	Battery	No Energy Meter	Voltage Independent	SMT1500	1,500	1,000	0.98		0.99										N/A	10/30/2009	8/24/2012
Schneider Electric	APC by Schneider Electric	APC Smart-UPS 750VA LCD 120V	SMT750		Ac-output UPS	Static	Battery	No Energy Meter	Voltage Independent	SMT750	750	500	0.97		0.99										N/A	10/30/2009	8/24/2012
Schneider Electric	APC, Schneider Electric, or APC by Schneider	BE350G	BE350G		Ac-output UPS	Static	Battery	No Energy Meter	Voltage and Frequency Dependent	1	350	200	0.98		1		None								1	8/1/2012	7/25/2012
Schneider Electric	APC, Schneider Electric, or APC by Schneider	BE350G-CN	BE350G-CN		Ac-output UPS	Static	Battery	No Energy Meter	Voltage and Frequency Dependent	1	350	200	0.98		1		None								1	8/1/2012	7/25/2012

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Schneider Electric	APC, Schneider Electric, or APC by Schneider	BE350G-LM	BE350G-LM		Ac-output UPS	Static	Battery	No Energy Meter	Voltage and Frequency Dependent	1		350	200	0.98		1	None							1	8/1/2012	7/25/2012
Schneider Electric	APC, Schneider Electric, or APC by Schneider	BE450G	BE450G		Ac-output UPS	Static	Battery	No Energy Meter	Voltage and Frequency Dependent	1		650	390	0.98		1	None							No	8/1/2012	8/9/2012
Schneider Electric	APC, Schneider Electric, or APC by Schneider	BE450G-CN	BE450G-CN		Ac-output UPS	Static	Battery	No Energy Meter	Voltage and Frequency Dependent	1		650	390	0.98		1	None							No	8/1/2012	8/9/2012
Schneider Electric	APC, Schneider Electric, or APC by Schneider	BE550G	BE550G		Ac-output UPS	Static	Battery	No Energy Meter	Voltage and Frequency Dependent	1		550	330	0.99		1	None							N/A	8/1/2012	8/9/2012
Schneider Electric	APC, Schneider Electric, or APC by Schneider	BE550G-CN	BE550G-CN		Ac-output UPS	Static	Battery	No Energy Meter	Voltage and Frequency Dependent	1		550	330	0.99		1	None							N/A	8/1/2012	8/9/2012
Schneider Electric	APC, Schneider Electric, or APC by Schneider	BE550G-LM	BE550G-LM		Ac-output UPS	Static	Battery	No Energy Meter	Voltage and Frequency Dependent	1		550	330	0.99		1	None							N/A	8/1/2012	8/9/2012
Schneider Electric	APC, Schneider Electric, or APC by Schneider	BE550GW	BE550GW		Ac-output UPS	Static	Battery	No Energy Meter	Voltage and Frequency Dependent	1		550	330	0.99		1	None							N/A	8/1/2012	8/9/2012
Schneider Electric	APC, Schneider Electric, or APC by Schneider	BE650G1	BE650G1		Ac-output UPS	Static	Battery	No Energy Meter	Voltage and Frequency Dependent	1		650	390	0.99		1	None							No	8/1/2012	7/25/2012
Schneider Electric	APC, Schneider Electric, or APC by Schneider	BE650G1-CN	BE650G1-CN		Ac-output UPS	Static	Battery	No Energy Meter	Voltage and Frequency Dependent	1		650	390	0.99		1	None							No	8/1/2012	7/25/2012
Schneider Electric	APC, Schneider Electric, or APC by Schneider	BE750G	BE750G		Ac-output UPS	Static	Battery	No Energy Meter	Voltage and Frequency Dependent	1		750	450	0.99		1	None							None	8/1/2012	7/25/2012
Schneider Electric	APC, Schneider Electric, or APC by Schneider	BE750G-CN	BE750G-CN		Ac-output UPS	Static	Battery	No Energy Meter	Voltage and Frequency Dependent	1		750	450	0.99		1	None							None	8/1/2012	7/25/2012
Schneider Electric	APC, Schneider Electric, or APC by Schneider	BE750G-LM	BE750G-LM		Ac-output UPS	Static	Battery	No Energy Meter	Voltage and Frequency Dependent	1		750	450	0.99		1	None							None	8/1/2012	7/25/2012
Schneider Electric	APC, Schneider Electric, or APC by Schneider	BN4001	BN4001		Ac-output UPS	Static	Battery	No Energy Meter	Voltage and Frequency Dependent	1		650	390	0.98		1	None							No	8/1/2012	8/9/2012
Schneider Electric	APC, Schneider Electric, or APC by Schneider	BR1000G	BR1000G		Ac-output UPS	Static	Battery	Integral Meter Installed	Voltage and Frequency Dependent	1		1,000	600	0.98		1								None	8/1/2012	8/15/2012
Schneider Electric	APC, Schneider Electric, or APC by Schneider	BR700G	BR700G		Ac-output UPS	Static	Battery	Integral Meter Installed	Voltage and Frequency Dependent	1		700	420	0.98		1								No	8/1/2012	8/14/2012
Schneider Electric	APC, Schneider Electric, or APC by Schneider	BX1000G	BX1000G		Ac-output UPS	Static	Battery	Integral Meter Installed	Voltage and Frequency Dependent	1		1,000	600	0.98		1								none	8/1/2012	8/15/2012
Schneider Electric	APC, Schneider Electric, or APC by Schneider	BX1000G-CA	BX1000G-CA		Ac-output UPS	Static	Battery	Integral Meter Installed	Voltage and Frequency Dependent	1		1,000	600	0.98		1								None	8/1/2012	8/15/2012
Schneider Electric	APC, Schneider Electric, or APC by Schneider Elect	POWER SAVING BACK- UPS NS 1350VA	BN1350G		Ac-output UPS	Static	Battery	No Energy Meter	Voltage Independent	BN1350G		1,350	810	0.98		1								N/A	10/11/2012	7/25/2012
Tripp Lite, Div of Tripp MFG., Co.	Tripp Lite	AGBC5758	ECD750UPS		Ac-output UPS	Static	Battery	No Energy Meter	Voltage and Frequency Dependent	N/A		452	450	0.98		1	1 N/A							N/A	11/1/2011	10/30/2012

Definitions for Uninterruptible Power Supplies (UPS) Product Listing C

Column Header	Definition
ENERGY STAR Partner	An organization that signed a Partnership Agreement with EPA to manufacture or private label ENERGY STAR qualified products.
Brand	An identifier assigned by the manufacturer or private labeler to a product or family/series of products for sales and marketing purposes.
Model Name	An identifier assigned by the manufacturer or private labeler to a product or family/series of products for sales and marketing purposes.
Model Number	A distinguishing identifier, usually alphanumeric, assigned to a product by the manufacturer or private labeler.
Additional Model Information	This column includes for the qualified model or family, family members, additional model names, model numbers and other identifying information associated with a product or family/series of products for sales and marketing purposes. Other identifying information includes, but is not limited to, SKUs, UPC codes, retail numbers, and/or descriptions of models included/not included in the reported Model Family.
Product Type	The type of power output supplied by the UPS classified as Alternating Current (Ac)-output UPS with a continuous flow of electrical charge that periodically reverses direction and Direct Current (Dc)-output UPS/Rectifier with a continuous flow of electric charge that is unidirectional.
Power Conversion Mechanism	The power conversion mechanism classified as Static UPS where solid-state power electronic components provide the output voltage and Rotary UPS where one or more electrical rotating machines provide the output voltage.
Energy Storage Mechanism	The mechanism of energy storage to provide power when the ac input power is disconnected or is out of the required tolerance range.
Output Energy Meter Available	Indicates the availability of an output energy meter which may be installed in the UPS or bundled with the UPS at sale. An output energy meter supports IT energy consumption monitoring and evaluation including the calculation of Power Usage Effectiveness in data center environments.

Column Headers

Column Header	Definition
Normal Mode(s) Input Dependency Characteristic	<p>The capability of an Ac-output UPS to operate in one or more Normal Modes classified by input dependency characteristic (ordered from highest to lowest input dependency):</p> <p>Voltage and Frequency Dependent (VFD): Capable of protecting the load from power outage</p> <p>Voltage Independent (VI): Capable of protecting the load as required for VFD, above, and in addition from under-voltage applied continuously to the input and over-voltage applied continuously to the input</p> <p>Voltage and Frequency Independent (VFI): Independent of voltage and frequency variations and capable of protecting the load against adverse effects from such variation without depleting the stored energy source</p> <p>Input dependency characteristic is not applicable to Dc-output UPS/ Rectifier models.</p>
Minimum Configuration Tested Model Number	<p>The model number of the specific tested single configuration model of a non-Modular UPS or the minimum configuration model of a Modular UPS. A Modular UPS is comprised of two or more single UPS modules, sharing one or more common frames and a common energy storage system, whose outputs, in normal mode of operation, are connected to a common output bus contained entirely within the frame(s). Modular UPSs may be used to provide redundancy, to scale capacity or both. For qualification of a Modular UPS Product Family, both the minimum and maximum configuration models are tested.</p>
Minimum Configuration Rated Apparent Output Power (kVA)	<p>The product of the current and voltage of the circuit operating at the maximum load the minimum configuration model is designed or rated to support.</p>
Minimum Configuration Rated Active Output Power (kW)	<p>The actual power supplied to the maximum load for which the minimum configuration model is designed or rated to support.</p>
Minimum Configuration Average Efficiency Lowest-Input Dependency	<p>The calculated average efficiency of the minimum configuration model operating at specified percentages of the rated load. The average efficiency is weighted to reflect the expected utilization of the UPS. For a Multiple-normal-mode Ac-output UPS, the model is supplying power to the load in its lowest-input dependency normal mode (i.e., VFD).</p>
Minimum Configuration Average Efficiency Highest-Input Dependency	<p>The calculated average efficiency of the minimum configuration Multiple-normal-mode Ac-output UPS model operating in the highest-input dependency normal mode (i.e., VFI or VI) at specified percentages of the rated load. The average efficiency is weighted to reflect the expected utilization of the UPS.</p> <p>This column does not apply to Dc-output UPSs which are tested in a single mode only.</p>
Minimum Configuration Input Power Factor Lowest-Input Dependency	<p>The ratio of active input power to apparent input power of the minimum configuration model operating at 100 percent rated load in the lowest-input dependency normal mode.</p>

Column Header	Definition
Minimum Configuration Input Power Factor Highest-Input Dependency	<p>The ratio of active input power to apparent input power of the minimum configuration model operating at 100 percent rated load in the highest-input dependency normal mode of a Multiple-normal-mode Ac-output UPS.</p> <p>This column does not apply to Dc-output UPSs which are tested in a single mode only.</p>
Maximum Configuration Tested Model Number	The model number of the maximum configuration tested model for the qualification of a Modular UPS Product Family.
Maximum Configuration Rated Apparent Output Power (VA)	The product of the current and voltage of the circuit operating at the maximum load the maximum configuration model is designed or rated to support.
Maximum Configuration Rated Active Output Power (W)	The actual power supplied to the maximum load for which the maximum configuration model is designed or rated to support.
Maximum Configuration Average Efficiency Lowest-Input Dependency	The calculated average efficiency of the maximum configuration model operating at specified percentages of the rated load. The average efficiency is weighted to reflect the expected utilization of the UPS. For a Multiple-normal-mode Ac-output UPS, the model is supplying power to the load in its lowest-input dependency normal mode (i.e., VFD).
Maximum Configuration Average Efficiency Highest-Input Dependency	<p>The calculated average efficiency of the maximum configuration Multiple-normal-mode Ac-output UPS model operating in the highest-input dependency normal mode (i.e., VFI or VI) at specified percentages of the rated load. The average efficiency is weighted to reflect the expected utilization of the UPS.</p> <p>This column does not apply to Dc-output UPSs which are tested in a single mode only.</p>
Maximum Configuration Input Power Factor Lowest-Input Dependency	The ratio of active input power to apparent input power of the maximum configuration model operating at 100 percent rated load in the lowest-input dependency normal mode.
Maximum Configuration Input Power Factor Highest-Input Dependency	<p>The ratio of active input power to the apparent input power of the maximum configuration model operating at 100 percent rated load in the highest-input dependency normal mode of a Multiple-normal-mode Ac-output UPS.</p> <p>This column does not apply to Dc-output UPSs which are tested in a single mode only.</p>
Modular UPS Tested Module Model Number	The model or part number of the installed module(s) in the Modular UPS system.
Date Available on Market	The date that the model is available for purchase.
Date Qualified	The date on which the product was confirmed to meet the ENERGY STAR specification.

Key Efficiency Criteria

Qualified models meet all ENERGY STAR requirements as listed in the Version 1.0 ENERGY STAR Program Requirements for Uninterruptible Power Supplies that are effective as of August 1, 2012.

Version 1.0 Requirements			
Ac-output UPS Minimum Average Efficiency Requirement			
Minimum Average Efficiency Requirement (EffAVG_MIN), Where:			
<ul style="list-style-type: none"> • P is the Rated Output Power in watts (W), and • ln is the natural logarithm. 			
Rated Output Power	Input Dependency Characteristic		
	VFD	VI	VFI
$P \leq 1500 \text{ W}$	0.967		$0.0099 \times \ln(P) + 0.815$
$1500 \text{ W} < P \leq 10,000 \text{ W}$	0.97	0.967	
$P > 10,000 \text{ W}$	0.97	0.95	$0.0099 \times \ln(P) + 0.805$
Ac-output UPS Minimum Average Efficiency Requirement for Products with Metering and Communications Capability			
Minimum Average Efficiency Requirement (EffAVG_MIN), Where:			
<ul style="list-style-type: none"> • P is the Rated Output Power in watts (W), and • ln is the natural logarithm. 			
Rated Output Power	Input Dependency Characteristic		
	VFD	VI	VFI
$P > 10,000 \text{ W}$	0.96	0.94	$0.0099 \times \ln(P) + 0.795$
Dc-output UPS/Rectifier Minimum Average Efficiency Requirement			
Minimum Average Efficiency Requirement (EffAVG_MIN)			
0.955			
Dc-output UPS/Rectifier Minimum Average Efficiency Requirement for Products with Metering and Communications Capability			
Rated Output Power			Minimum Average Efficiency Requirement (EffAVG_MIN)
$P > 10,000 \text{ W}$			0.945